

U.S. General Services Administration (GSA)

PRESIDENTIAL TRANSITION “HOT ISSUES” INFORMATION PAPER

SUBJECT: *Infrastructure Modernization*

1. BACKGROUND:

Infrastructure Modernization includes support for GSA's Data Center Optimization Initiative (DCOI), Infrastructure as a Service (IaaS), asset management, and back-end IT operations including but not limited to laptops, mobile devices, network modernization and help-desk support.

a. General Background:

Network modernization includes increasing network bandwidth to meet the growing use of Cloud based systems, including email and collaboration. Moving systems to the cloud is consistent with policy and guidance from the Office of Management and Budget (OMB), and can help create a more interoperable and secure environment for GSA. The goal is to release the Fair Opportunity (allow all telecommunication providers to put forth a proposal or explain why awarding it to another vendor will cause harm) under the new network contract ([GSA's Enterprise Infrastructure Solution, or EIS](#)) as soon as it is awarded in spring 2017. GSA will begin transition in late 2017 and finish in 2019

GSA continues to support OMB's [DCOI Initiative](#), an infrastructure policy effort that OMB intends to continue into the next Administration. GSA is implementing the data center consolidation phase II activities, which includes consolidation of 6 sites to our larger data center in FY17 and FY18. In addition, GSA is leveraging shared services and co-locating with another government agency to further reduce the number of GSA-only data centers. The DCOI and moving applications to Cloud will continue to help reduce GSA's footprint.

OMB memorandum M-16-12 guidance required agencies to implement a formal Software Management Program to reduce duplication, share licenses, and reduce IT spend on software. In FY17, GSA will continue implementation with validation of the software inventory during 1st quarter, develop agency wide policies on purchasing software during 2nd quarter, and begin regular oversight and consolidation activities in 3rd quarter.

Infrastructure modernization directly supports and enables the implementation of Department of Homeland Security's (DHS) [Continuous Diagnostics and Monitoring \(CDM\) initiative](#). The CDM initiative is on target for full implementation in Spring of 2017 and will help reduce GSA's security vulnerabilities.

b. Issues:

- Requirements to support new IT Initiatives with no increase in working capital funds to support implementation
- Decrease in working capital funds to support existing capabilities

- Continued work and support for network modernization while needing to conduct a major Network contract transition
- Inconsistency in reporting of metrics for DCOI increases difficulty to meet implementation goals

2. SCOPE AND EFFECT:

a. Impact on GSA's Customers:

Modernizing GSA's infrastructure supports and enables our mission to be a proactive federal partner to our customer agencies. Business systems and applications will be more secure and reliable. Modernizing will provide greater support for mobility and increase collaboration opportunities for GSA and its customers.

b. Impact on the Private Sector and State & Local Governments:

Infrastructure Modernization does not have direct impact on Private Sector or State and Local Governments.

3. ACTION(S) PLANNED OR REQUIRED:

GSA has two major Infrastructure initiatives to complete in calendar year 2017. The first is consolidation of several non-tiered data centers (computer rooms) in to a single, efficient data center. The second is transition over 400 network connections to EIS. For the EIS transition, GSA will need to hit several large milestones, including:

- Engineer, design, and complete 4 to 6 moves
- Award task order for GSA against EIS, and
- Order and then install the new network

Additionally, infrastructure modernization also necessitates that GSA continue to implement DHS's CDM initiative. More fully implementing CDM on to GSA's network will require meeting several high level milestones, including:

- Complete Pilot Implementation
- Implement across the enterprise, and
- Begin analysis of information to apply toward continuous improvement activities

4. KEY STAKEHOLDER INTEREST:

Congress and OMB remain interested in each agency's steps and will track progress on key data center consolidation metrics.

Congress and the Federal Acquisition Service will be very interested in how quickly and successfully GSA, as an agency can, can transition to EIS. GSA will be expected to be among the first to transition all lines over.

5. FISCAL YEAR 2017/2018 BUDGET IMPACT:

Decreases in the working capital budgets may impact the ability to meet major initiatives.